UTILITY PATENT APPLICATION TRANSMITTAL
(for Noncontinuing, Nonprovisional
Applications under 37 C.F.R. §1.53(b))

Attorney Docket No. 65611

Box PATENT APPLICATION
Commissioner of Patents and Trademarks
ATTENTION: Assistant Commissioner
   for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing
under 37 C.F.R. §1.53(b) is the
nonprovisional, noncontinuing
patent application for:

Title: METHOD AND APPARATUS FOR THERMAL
PROFILING OF FLIP-CHIP PACKAGES

First Named Inventor or
Application Identifier: Rajagopalan,
et al.

(X)   __14__ pages of the specification (including claims and cover sheet)
     are enclosed.

(X)   __5__ sheet(s) of drawings are enclosed.   ( ) Formal   ( ) Informal

(X)   An executed Oath or Declaration and Power of Attorney naming the
     actual inventors is enclosed.

(X)   An Assignment(s) of the invention to <u>LSI Logic Corporation</u> ,
     and cover sheet are enclosed.

(X)   A check in the amount of $__40.00__ to cover the fee for recording the
     assignment(s) is enclosed.

(X)   A Return Receipt Postcard is enclosed (MPEP §503).

( )   Priority of application number ____/_____ filed on
     _____ in _____ is claimed under
     35 U.S.C. §119.

     ( )   A certified copy of the priority document is enclosed.

( ) A MicroFiche Computer Program (Appendix) is enclosed.

( ) A Nucleotide and/or Amino Acid Sequence Submission is enclosed.

     ( )   A Computer Readable Copy is enclosed.

     ( )   A Paper Copy (Identical to Computer Copy) is enclosed.

     ( )   A Statement Verifying Identity of above Copies is enclosed.

(X)   The filing fee is calculated below:

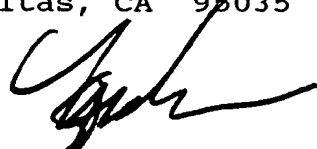### Fee Calculation For Claims As Filed

(a) Basic Fee $ 760.00

(b) Independent Claims   __3__ − 3 = __0__ x $ 78.00 = $_____0___

(c) Total Claims   __11__ − 20 = __0__ x $ 18.00 = $_____0___

(d) Fee for Multiply Dependent Claims $260.00 $_____

          Total Filing Fee $___760.00___

( )   A Statement(s) of Status as Small Entity is
      enclosed, reducing the Filing Fee by half to: $_____

(X)   A check in the amount of $_760.00___ to cover the filing fee is
      enclosed.

(X)   The Commissioner is hereby authorized to charge any additional fees
      which may be required in this application under 37 C.F.R. §§1.16-1.17
      during its entire pendency, or credit any overpayment, to Deposit
      Account No. 06-1135. Should no proper payment be enclosed herewith,
      as by a check being in the wrong amount, unsigned, post-dated, other-
      wise improper or informal or even entirely missing, the Commissioner
      is authorized to charge the unpaid amount to Deposit Account No.
      06-1135. This sheet is filed in duplicate.

(X)   Address all future communications to:

                    LSI Logic Corporation
                    1551 McCarthy Blvd.
                    Milpitas, CA 95035

December 16, 1999   _____
                              Thomas F. Lebens
                              Registration No. _38,221_____